

## Z-Wave Configuration and Association Parameters

This product is a security enabled Z-wave product and must be used with a Security Enabled Z-Wave controller to be fully utilized. To assure interoperability, each Z-Wave product must pass a stringent conformance test to assure that it meets the Z-Wave standard for complete compliance with all other devices and controls. The Z-Wave identity mark assures consumers, integrators, dealers and manufacturers that their products will reliably perform with any other Z-Wave device. And, regardless of the vendor, always powered nodes may act as a repeater for Kwikset/Weiser/Baldwin products.

### Configuration Command Class

The Z-Wave door lock module supports the use of the configuration command class to provide advanced configuration of the door lock over the Z-Wave network. This section describes the configuration parameters supported by the door lock.

#### Configuration Parameters 1 through 30

Configuration parameters 1 through 30 are a one byte field used to set the User Code Type for their corresponding user codes. The table of supported values and their user code mappings are shown below:

Configuration Value	Description
0x00	User Code Type: Reserved
0x01	User Code Type: Owner (Default)
0x02	User Code Type: Reserved
0x03	User Code Type: Guest (Required for Year Day Schedules)
0x04	User Code Type: Worker (Required for Week Day Schedules)
0x05 - 0xFE	User Code Type: Reserved
0xFF	Value of 0xFF is returned when there is no corresponding user code for the requested. (Ignored for write)

#### Configuration Parameter 31

Configuration parameter 31 is one byte read only bit mask field that returns the state of the user accessible Dip-switches on the door lock.

Value	Description
Bit 0	Lock LED Status (1: enable)
Bit 1	Auto lock (1: enable)
Bit 2	Auto Buzzer (1: enable)
Bit 3	Secure Screen (1: enable) *Only for MB 916

#### Configuration Parameter 33 and 34

The Configuration Parameter 33 and 34 are used to set the SKU part numbers to the Kwikset locks. Configuration parameter 33 is the first four most significant bytes (MSB). Configuration parameter 34 is the least four significant bytes (LSB). Below describes how Configuration Parameter 33 and 34 are being used.

- For a ZW Configuration Set, the DLM will first do a GET\_SKU\_ID to retrieve the full SKU from the lock, and the lock will respond with all 8 bytes. (If it's not yet set, the DLM will consider that as all 0x30s.) The DLM changes only the appropriate 4 bytes in its local copy of the SKU, and it then sends the full 8 bytes down to the lock in a SET\_SKU\_ID.
- For a ZW Configuration Get, the DLM will do a GET\_SKU\_ID down to the lock, to which the lock will respond with all 8 bytes. The DLM will return the requested 4 bytes via ZW. If the SKU is not set, it will return all 0x30s (ASCII '0's).

### **Configuration Parameter 35**

The configuration Parameter 35 is used as read-only to report the Unique ID of the lock type.

Released Board ID	Unique ID
910 Z-Wave (Legacy, FW 3.4)	0x00 0x00
912 Z-Wave (Legacy, FW 3.2)	0x00 0x00
910 Z-Wave	0x02 0x36
912 Z-Wave	0x03 0x36
914 Z-Wave	0x04 0x36
916 Z-Wave	0x06 0x42

### **Configuration Parameter 40**

The configuration Parameter 40 is used to set the lock to its factory default settings, except for the anti-theft setting.

- A Read will show a “0”.
- A Write “1” to perform factory reset.

### **Association Command Class**

The Association Command Class is used to set up and maintain a list of associated Z-Wave node-IDs to which unsolicited alarms reports may be sent. The door lock supports 1 association group, with up to 5 node-IDs.

### **Group Association Supported**

Z-Wave Card Version	Group
v.3.39	Supports up to 5 Node-IDs during association process
v.3.37	Supports up to 5 Node-IDs during association process
v. 3.33	Supports up to 5 Node-IDs during association process
v. 2.6 and below	Support 1 Node-ID during association process.